

AUTOMATED AND SECURE DIGITAL MOBILE VIDEO MONITORING AND RECORDING

Abstract of the Disclosure

5 A system, method and data unit for automated and secure digital mobile
video recording and monitoring are provided where the system includes an
authenticated acquisition subsystem for digitally watermarking video data, a
video management subsystem in signal communication with the authenticated
acquisition subsystem for storing, viewing and verifying the digitally watermarked
10 video data, and a secure wireless video transfer subsystem for signal
communication between the acquisition and management subsystems; the
method includes digitally watermarking video data, verifying the digitally
watermarked video data, and coordinating communications of video data; and
the data unit is a digital video data file encoded with signal data having block
15 transform coefficients indicative of a secure digital mobile video recording, the
coefficients collectively indicative of an original video data sequence with a
secure watermark, the secure watermark including a plurality of signatures.